

WAGON BED CONVERTED INTO DIFFERENT USES

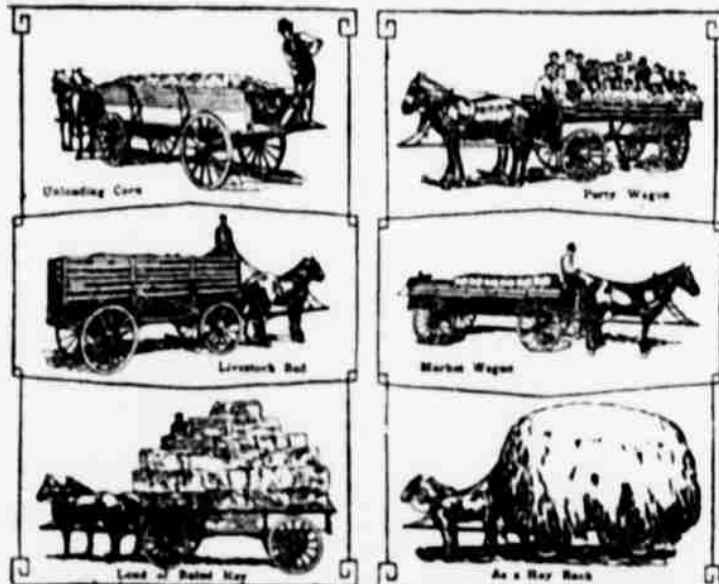
Agriculturist Has Often Found It Hardship to Be Obligated to Buy or Build Number of Vehicles Required on Farm.

A convertible wagon bed which can be changed into 15 different kinds of bodies for different uses around a farm, without adding to it or taking from it a single piece, has been designed and is undoubtedly the most radical improvement made in farm wagons for a decade, says Popular Mechanics.

In a few minutes it can be transformed from a hay rack into a wagon for carrying live stock, and with equal quickness it can be converted into a vehicle for carrying a large number of passengers who can be provided with

The agriculturist has often found it a hardship to be obliged to buy or build a number of wagons for the multifarious requirements incident to the operation of a farm. The wagon that could serve to carry boxes or crated vegetables and berries to market would not be of any use when haying time came around. When it was necessary to carry calves or live stock, still another wagon must be called into service.

While reapers, threshers, and other farm implements have been continually improved, the farm wagon has re-



Unloading Corn. Hay Rack. Livestock Bed. Market Wagon. Load of Potatoes. As a Hay Rack. Wings Extended for Use as Hay Rack. Wings Folded Over for Rugs, Sheep, Etc.

A Wagon Bed of Many Uses.

comfortable seats along the sides for picnicking, etc.

The remarkable versatility of the new wagon bed is secured by hinged malleable iron pieces attached to the sides. These support two folding sections on each side. The strain which is put upon these pieces when heavy loads are placed on the wagon makes it imperative that they should be of strong, dependable material.

maintained practically at a standstill. Perhaps the fact that the automobile has served to overshadow the humble beast of burden and his reliable wagon. Old Dobbin may be a second rate now, but he will continue for some time to fill his particular sphere of endeavor with a faithfulness which the motor car cannot always be relied upon to give.

RIDDING FARM OF GRASSHOPPER

Favorite Remedy, Recommended By Colorado Agricultural College Is Arsenic Bran Mash.

(By S. ARTHUR JOHNSON, Colorado Agricultural College.)

In spite of the fact that a great deal of work has been done by experiment stations on grasshoppers, no rural road to control has yet been found. Each attack has to be considered on its own merits and relief sought through the most promising channel.

One of the favorite remedies is arsenic bran mash. This is made by mixing one pound of white arsenic with 25 pounds of bran. The arsenic is so near the color of the flour in the bran that it is not easy to tell when the mixing is well done. To overcome this difficulty, the arsenic may first be collected by adding a little dry paint.

After the bran and arsenic are well mixed they should be moistened with water. Put in just enough to make the particles stick together. This mixture should be scattered where

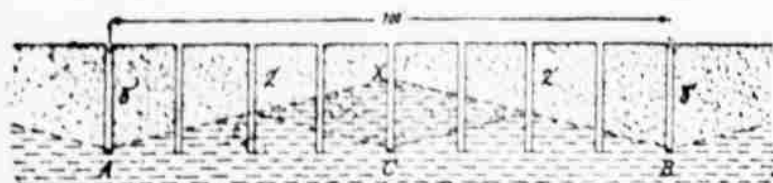
the grasshoppers are thickest. If the insects are invading a garden or potato patch, it is well to scatter the bran mash about the borders. In the fields of alfalfa or grain, the bran should be scattered where the grasshoppers congregate on ditch banks and dry places. All the insects will not find and eat it, but many will and often the crop can be fairly well protected. The writer has never used this preparation against young grasshoppers, but some farmers state that the crops may be completely protected by its use, while others claim that they will not eat it.

Of course, it will not do to scatter the substance where chickens will be likely to pick it up, and none of the mixture must be left where domestic animals are apt to get it or be fed from the vessel.

Good Exercise.

There is no harm in pigs rooting if they are in a field where rooting will do no harm. Pigs can secure much feed by rooting and the exercise will do them good. Where troublesome roots infest the soil they will often eradicate them if allowed to do so. The fattening hog should not be allowed to root, as the exercise consumes too much feed and energy.

TILE DRAINS IN CLAY SOIL



100' = drained soil

50' = undrained soil

100' = soil undrained when drains are 100 feet apart, but drained when they are 50 feet apart

The illustration shown herewith is from a bulletin of the Ontario Department of Agriculture and shows how the water table of the soil depends on the location of drains. If in a field that is underdrained three feet deep a number of holes are dug it would be observed after a heavy rain that in those nearest the drains no water would remain. In the hole situated halfway between the drains at C would hold considerable water for a few days.

In a clay in fairly good condition it will be found that the slope of the water table is about 1 foot in 25, in loam 1 foot in about 33. The illustration represents a clay soil with drains A and B 100 feet apart. At the end of 48 hours after a heavy rain the water will stand about as indicated by zigzag lines, in a gradient of about 1 in 25, and hence will be two feet deeper in the center well than at either drain. Hence if the drains are

three feet deep there will be three feet of drained soil over A and B, but only one foot at C. Capillarity and soil resistance to water flow play an important part in holding the water highest half way between the drains, and the gradient 1 in 25 represents their combined strength in clay, hence after this gradient is reached drainage becomes very, very slow, and the water table stands in this irregular shape until lowered by evaporation from the soil and plants. But during the months of April, May and sometimes June, when the rains supply at the surface all the water needed for evaporation, none is drawn from below for this purpose, hence during the early months of growth the water stands as indicated by the dotted line AXB. Consequently root development is hampered at X, as 1 foot of soil is not enough. There are two ways to remedy the defect, either to dig A and B deeper or else put a drain at C half way between.

TEN YEARS OF SUFFERING.

Restored at Last to Perfect Health by Doan's Kidney Pills.

Mrs. Narcissa Waggoner, Carterville, Ill., says: "For over ten years I suffered terribly with backaches, headaches, nervous and dizzy spells. The kidney secretions were unnatural and gave me great trouble. One day I suddenly fell to the floor, where I lay for a long time unconscious. Three doctors who treated me diagnosed my case as paralysis and said they could do nothing more for me. As a last resort, I began using Doan's Kidney Pills and was permanently cured. I am stronger than before in years." Remember the name—Doan's.

For sale by all dealers. 50 cents a box. Foster-Milburn Co., Buffalo, N. Y.

SOMETIMES.



Henderson—When a man marries he keeps his wife in dresses, hats, shoes—in fact, everything she needs. What does a wife keep her husband in?

Hespeck (absently)—Hot water.

One Side Enough.

Senator William Alden Smith tells of an Irish justice of the peace out in Michigan. In a trial the evidence was all in and the plaintiff's attorney had made a long and very eloquent argument, when the lawyer acting for the defense arose.

"What are you doing?" asked the justice, as the lawyer began.

"Going to present our side of the case."

"I don't want to hear both sides argued. It has a tendency to confuse the court."—Washingtonian.

LEG A MASS OF HUMOR

"About seven years ago a small abrasion appeared on my right leg just above my ankle. It irritated me so that I began to scratch it, and it began to spread until my leg from my ankle to the knee was one solid scale like a scab. The irritation was always worse at night and would not allow me to sleep, or my wife either, and it was completely undermining our health. I lost fifty pounds in weight and was almost out of my mind with pain and chagrin as no matter where the irritation came, at work, on the street or in the presence of company, I would have to scratch it until I had the blood running down into my shoe. I simply cannot describe my suffering during those seven years. The pain, mortification, loss of sleep, both to myself and wife is simply indescribable on paper and one has to experience it to know what it is.

"I tried all kinds of doctors and remedies but I might as well have thrown my money down a sewer. They would dry up for a little while and fill me with hope only to break out again just as bad if not worse. I had given up hope of ever being cured when I was induced by my wife to give the Cuticura Remedies a trial. After taking the Cuticura Remedies for a little while I began to see a change, and after taking a dozen bottles of Cuticura Resolvent in conjunction with the Cuticura Soap and Cuticura Ointment, the trouble had entirely disappeared and my leg was as fine as the day I was born. Now after a lapse of six months with no signs of a recurrence I feel perfectly safe in extending to you my heartfelt thanks for the good the Cuticura Remedies have done for me. I shall always recommend them to my friends. W. H. White, 317 E. Cabot St., Philadelphia, Pa., Feb. 4 and Apr. 13, 1909."

Blest Be Nothing.

Wife—The doctor writes that in view of our poor circumstances he will not present his bill immediately. Artist—We are lucky that our circumstances are no better; if they were, we might have to pay at once!

The lamb that plays around a mint bed tempts fate.

Lewis' Single Binder gives a man what he wants, a rich, mellow-tasting cigar.

Many a man who stops to think twice fails to act once.

Dr. Pierce's Pleasant Pellets first put out 40 years ago. They regulate and invigorate stomach, liver and bowels. Sugar-coated tiny granules.

Better a nagless wife than a horseless carriage.

THE DOCTOR'S IDEA.



Invalid—Doctor, I must positively insist upon knowing the worst.

Dr. Wise—Well, I guess my bill will be about \$45.

Had Lost Faith In Doctors and Medicines

"I wish to thank you for the sample of Resinol Soap sent me several weeks ago," writes Mrs. M. F. Clemmer, Sunbury, Pa. "At that time my baby's face was like a raw and bleeding piece of meat. Medicine from three different physicians, besides various salves recommended by friends, all seemed to make the Eczema worse. Then another mother recommended Resinol Ointment which I procured at once, although I had no more faith in it than in the rest I had tried, but never did I spend fifty cents to better advantage. The first and second days I noticed a remarkable change, and now at the end of the third week, my pretty blue-eyed, rosy-cheeked baby is perfectly well again. I think the cure was surely something remarkable. Resinol Ointment and Soap did in three weeks what everything else failed to do in four months. My baby had been positively disfigured, now his complexion is all right again."

Resinol Ointment cures all skin troubles, from pimples to the most disfiguring eruptions and rashes. The first application stops the intense itching of Eczema, itching Piles, Pruritus, etc., and subdues the pain of a burn or scald instantaneously. It is sold in every leading drug store in the world.

Booklet on Care of the Skin and Complexion sent free. Write for it. Resinol Chemical Co., Baltimore, Md.

Keeping It Dry.

An old woman of a wealthy New Jersey family was going visiting. The coachman, who had not been in this country long, had just been equipped with a new uniform and a new silk hat. Before they had gone far it began to sprinkle, and the old woman told the coachman to fasten down the side curtains of the wagonette.

He drove up to a hitching post beside the road and dismounting, hung his new hat on the post, and began to fasten the curtains.

The old woman noticed his bare head and asked him where his hat was.

"Oh, took it off my head, mum, so as it wouldn't get wet," the coachman replied.

Another Tradition Exploded.

Two Englishmen were resting at the "Red Horse Inn" at Stratford-on-Avon. One of them discovered a print picturing a few tumbling buildings under a night which was printed: "The House in Which Shakespeare Was Born." Turning to his friend in mild surprise he pointed to the print. His friend exhibited equal surprise, and called a waiter, who assured them of the accuracy of the inscription.

"Don't you see?" said the observant Englishman, shaking his head dubiously. "I thought he was born in a manger!"—Success Magazine.

Try This, This Summer.

The very next time you're hot tired or thirsty, step up to a soda fountain and get a glass of Coca-Cola. It will cool you off, relieve your bodily and mental fatigue and quench your thirst delightfully. At soda fountains or carbonated in bottles—5¢ everywhere. Delicious, refreshing and wholesome. Send to the Coca-Cola Co., Atlanta, Ga., for their free booklet "The Truth About Coca-Cola." Tells what Coca-Cola is and why it is so delicious, refreshing and thirst-quenching. And send to stamp for the Coca-Cola Baseball Record Book for 1910—contains the famous poem "Casey At The Bat," records, schedules for both leagues and other valuable baseball information compiled by authorities.

And They Wondered!

Judge Nicholas Longworth, who used to sit on Ohio's supreme bench, looked, unnaturally grave, and a neighbor in recognition of his facial depression, named a pet owl "Judge Longworth." It was the very next day that an excited maid broke up his wife's garden party. "Oh, madam," said she, "Madam! Judge Longworth has laid an egg!"

Force of Habit.

Little Girl—Mummy! (No answer.) Mummy! Are those swallows? Mummy (deep in her book)—Yes, dear. Don't touch them—Punch.

Good intentions are always hot stuff, that is why they are used for paying material in a certain locality.

Armour's Fertilizers

Increase the yield—Improve the quality—Enrich the soil. Every harvest proves it. Can you afford to risk your wheat? Be safe.

Armour's Fertilizers

grow the biggest crops. Ask your dealer.

Armour Fertilizer Works Chicago

MISUNDERSTOOD HIM.



"My friend," said the solemn man on the railroad train, "do you drink intoxicating liquors?"

"Sure," cried the convivial chap. "Much obliged for the invitation. Got a flask with you?"

Quotation Marks.

Senator Beveridge, in an after-dinner speech in Cleveland, said of a corrupt politician:

"The man's excuse is as absurd as the excuse that a certain minister offered on being convicted of plagiarism."

Brethren, said this minister, it is true that I occasionally borrow for my sermons, but I always acknowledge the fact in the pulpit by raising two fingers at the beginning and two at the end of the borrowed matter, thus indicating that it is quoted."

The Summer Girl.

"How'd you like to be engaged to a millionaire?"

"I was engaged to one all last summer, and he seldom spent a time. I want to be engaged to a young man who is down here for two weeks with about \$300 in his roll."

Important to Mothers.

Examine carefully every bottle of CASTORIA, a safe and sure remedy for infants and children, and see that it bears the

Signature of *Dr. J. C. H. H. H.* In Use For Over 30 Years.

The Kind You Have Always Bought.

He is a good time-saver that finds out the best opportunity for every action.—Thomas Fuller.

There are imitations, don't be fooled. Ask for Lewis' Single Binder caps for 50¢.

Statistics are almost as unsatisfactory as facts are stubborn.

Mrs. Winslow's Soothing Syrup.

A woman tells her troubles to a doctor; a man tells his to a lawyer.

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THE ONE REMEDY for women which contains no alcohol and no habit-forming drugs. Made from native medicinal forest roots of well established curative value.

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A FLAVOR that is used the same as lemon or vanilla. It dissolves granulated sugar in water and boiling Maizena, a delicious syrup is made and a scrub better than most. Mapline is sold by grocers. Send 2¢ stamp for sample and recipe book. Crescent Mfg. Co., Seattle.

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Because of those ugly, grizzly, gray hairs. Use "LA CREOLE" HAIR RESTORER. PRICE, \$1.00, retail.